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PSYCHOACOUSTICS - A SELECTED BIBLIOGRAPHY. A PROVISIONAL BIBLIOGRAPHY.

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THE 346 ENTRIES IN THIS BIBLIOGRAPHY COVER MATERIAL IN BOOKS, JOURNALS, AND MONOGRAPHS IN FIELDS RELATED TO THE SENSORY IMPAIRED, ESPECIALLY THE BLIND AND PARTIALLY SIGHTED. THE DATES RANGE FROM 1934 TO 1965. (MK)

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EDITOR'S NOTE

The following pages contain another in the series of provisional bibliographies which we are privileged to issue in the field of sensory research related to sensory impairment with special reference to the blind and severely visually impaired.

The bibliography was prepared for us by Kenneth Dimmick, Associate Professor in the Department of Speech of the University of Arizona.

The reader will note that although the bibliography is rather extensive, a large number of entries were not included because they were less relevant to the research that users of this document will put it to. On the other hand, the area of psychoacoustics is developing rapidly, and we feel that a revision and supplementation of this bibliography will be in order in the not too distant future.

The comments of users in this area are earnestly solicited in the hope that a revision can be made still more useful to the nonspecialist.

PSYCHOACOUSTICS - A SELECTED BIBLIOGRAPHY

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Abma, J. S. (senior author). The Development and Evaluation of Aural Reading Devices for the Blind. Columbus, Ohio: Battelle Memorial Institute, 1958.

Abma, J. S., L. L. Huffman, and L. J. Mason. The Further Development and Evaluation of Aural Reading Devices for the Blind. Columbus, Ohio: Battelle Memorial Institute, 1959.

Abramson, N. and D. Branerman, "Learning to Recognize Patterns in a Random Environment," IRE Trans. Inform. Theory, Vol. 8 (1962), p. 58.

Ades, Harlow W., "Hearing," Ann. Rev. Physiol., Vol. 16 (1954), p. 391.

Agnew, N. M., "Attention-Demand Value of Stimuli," Percept. Mot. Skills, Vol. 16 (1963), p. 843.

Ainsworth, Stanley and Charles High, "Auditory Functions and Abilities in Good and Poor Listeners," J. Commun. Vol. 4 (1954), p. 84.

Bakan, P., "Discrimination Decrement as a Function of Time of Prolonged Vigil," J. Exp. Psychol., Vol. 50 (1955), p. 387.

Bakan, P. and R. Manley, "Effect of Visual Deprivation on Auditory Vigilance," Brit. J. Psychol., Vol. 54 (1963), p. 115.

Baker, C., "Probability of Signal Detection in a Vigilance Task," Science, Vol. 136 (1962), p. 46.

Barley, S. H. Principles of Perception. New York: Harper and Brothers, 1958.

Bassett, Irvin G. and E. John Eastmond, "Echolocation: Measurement of Pitch Versus Distance for Sounds Reflected from a Flat Surface," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 911.

Bauer, R. W. and R. F. Blockmer. Auditory Localization of Noises. Aberdeen, Maryland: Human Engineering Labs., Aberdeen Proving Grounds, Doc. No. AD-618 374, 1965.

Beil, Ralph G., "Human Perception of Objects Using Pulsed Sound," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 788, (abstract).

Bekesy, Georg von, "Similarities Between Hearing and Skin Sensations," Psychol. Rev., Vol. 66 (1959), p. 1.

Bekesy, Georg von. Experiments in Hearing. New York: McGraw-Hill Book Co. Inc., 1960.

Bekesy, Georg von, "Hearing Theories and Complex Sounds," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 588.

Bekesy, Georg von, "Three Experiments Concerned with Pitch Perception," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 602.

Bell, D. W. and H. W. Stern, "Effects of Extraneous Tasks on Auditory Fatigue," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 1162.

Benson, R. W. Experimental Bone and Tissue Vibrator Assembly. Nashville, Tennessee: Benson and Assoc., Doc. No. AD-615 916, 1965.

Berger, K. W., "Some Factors in the Recognition of Timbre," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 1888.

Bergman, M., "Binaural Hearing," A. M. A. Arch. Otolaryngol. Vol. 66 (1957), p. 527.

A Bibliography in Audition. Cambridge, Massachusetts: Harvard University Press, 1950.

Bilger, R. C. and Ira J. Hirsh, "Masking of Tones by Bands of Noise," J. Acoust. Soc. Amer., Vol. 18 (1956), p. 623.

Bliss, J. C., K. Kotovsky, B. King, and C. D. Hewitt. Tactile Perception of Visual Information. Washington, D. C.: U.S. Commerce Dept., Office of Technical Services, TDR 63, 732, 1963.

Bocca, E., "Binaural Hearing: Another Approach," Laryngoscope, Vol. 65 (1955), p. 1164.

Brammer, L. M., "Sensory Cues in Pitch Judgments," J. Exp. Psychol., Vol. 41 (1951), p. 336.

Brink, G. van den, "Detection of Tone Pulse of Various Durations in Noise of Various Bandwidths," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 1206.

Broadbent, D. E., "The role of Auditory Localization in Attention and Memory Span," J. Exp. Psychol., Vol. 47 (1954), p. 191.

Broadbent, D. E., "Immediate Memory and Simultaneous Stimuli," Quart. J. Exp. Psychol., Vol. 9 (1957), p. 1.

Broadbent, D. E. Perception and Communication. New York: Pergamon Press, 1958.

Broadbent, D. E., "Differences and Interactions between Stresses," Quart. J. Exp. Psychol., Vol. 15 (1963), p. 205.

Brown, A. E., "Measurement of Auditory Thresholds," J. Acoust. Soc. Amer., Vol. 38 (1965), p. 86.

Bryden, M., "Ear Preference in Auditory Perception," J. Exp. Psychol., Vol. 65 (1963), p. 103.

Buck, L., "Auditory Perception of Position and Speed," J. Appl. Psychol., Vol. 47 (1963), p. 177.

Burger, J. F., "Front-Back Discrimination of the Hearing System," Acustica, Vol. 8 (1958), p. 301.

Burris-Meyer, H. and V. Malory, "Psycho-Acoustics, Applied and Misapplied," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1568.

Bushor, W. E., "Medical Electronics. Part IV. Prosthetic Hearing Aids and Blind Guidance Devices," Electronics, Vol. 34 (1961), p. 43.

Butler, R. A. and R. F. Nauton, "Some Effects of Unilateral Auditory Masking Upon the Localization of Sound in Space," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 1100.

Butler, R. A. and R. F. Nauton, "An Auditory Illusion of Distance," Nature, Vol. 203 (1964), p. 1201.

Campbell, R. A., "Just Noticeable Differences for Changes of Interaural Time Differences as a Function of Interaural Time Differences," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 123, (abstract).

Campbell, R. A., "Frequency Discrimination of Pulsed Tones," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 1193.

Campbell, R. A. and A. M. Small, Jr., "Effect of Practice and Feedback on Frequency Discrimination," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 1511.

Carter, N. L., "Loudness of Triangular Transients," J. Aud. Res., Vol. 3 (1963), p. 255.

Chappel, R., J. Kavanaugh, and S. Zerlin, "Monaural Versus Binaural Discrimination for Normal Listeners," J. Speech Hear. Res., Vol. 6 (1963), p. 263.

Chase, R. A., S. Sutton, and D. First, "Bibliography: Delayed Auditory Feedback," J. Speech Hear. Res., Vol. 2 (1959), p. 193.

Cherry, Colin E. and B. McA. Sayers, "On the Mechanism of Binaural Fusion," J. Acoust. Soc. Amer., Vol. 13 (1959), p. 535.

Chistovich, L. A., "The Differentiation of Complex Acoustic Signals," Problems Physiol. Acoust., Vol. 3 (1955), p. 18.

Christensen, A. V., "Studies on the Psychology of Hearing," Acta Oto-laryngol., Vol. 39 (1951), p. 95.

Christman, R. J., "Shifts in Pitch as a Function of Prolonged Stimulation with Pure Tones," Amer. J. Psychol., Vol. 67 (1954), p. 484.

Clarke, Frank R., "Ideal Observer and Descriptive Models in Psychophysics," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1505, (abstract).

Cohen, A., "Further Investigation of the Effects of Intensity upon the Pitch of Pure Tones," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 1363.

Cohen, A. and J. F. Corso, "Further Assessment of the Effects of Intensity upon the Pitch of Pure Tones," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1565.

Coleman, P. D., "Failure to Localize the Source Distance of an Unfamiliar Sound," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 345.

Coleman, P. D., "An Analysis of Cues to Auditory Depth Perception in Free Space," Psychol. Bull., Vol. 60 (1963), p. 302.

Corliss, E. L. R., E. L. Smith, and J. O. Margruder, "Hearing by Bone Conduction," in Proceedings 3rd Intern. Congress on Acoustics. Amsterdam: Elsevier Publishing Co. Inc., 1959.

Corso, J. F., "The Neural Quantum in Discrimination of Pitch and Loudness," Amer. J. Psychol., Vol. 64 (1951), p. 350.

Corso, J. F., "Absolute Thresholds for Tones of Low Frequency," Amer. J. Psychol., Vol. 71 (1958), p. 367.

Corso, J. F., "Age and Sex Differences in Pure-Tone Thresholds," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 498.

Craig, J. H. and L. A. Jeffress, "Effect of Phase on the Quality of a Two-Component Tone," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 1752.

Cramer, E. C. and W. H. Huggins, "Creation of Pitch through Binaural Interaction," J. Acoust. Soc. Amer., Vol. 30 (1958), p. 413.

Creelman, C. Douglas, "Frequency Discrimination as a Function of Interpresentation Interval," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1577, (abstract).

Creelman, C. Douglas. Application of Signal Detectibility Theory to Psychophysical Research: A Bibliography. Ann Arbor, Michigan: University of Michigan Research Institute, Doc. No. AD-239 026, 1960.

Creelman, C. Douglas, "Auditory Discrimination of Duration," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 839, (abstract).

Creelman, C. Douglas, "Human Discrimination of Auditory Duration," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 582.

Creelman, C. Douglas, "Detection, Discrimination and Loudness of Short Tones," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 1201.

Culbert, S. S. and M. I. Posner, "Human Habituation to an Acoustical Energy Distribution Spectrum," J. Appl. Psychol., Vol. 44 (1960), p. 236.

David, E. E. Jr., Newman Guttman, and W. A. van Bergeijk, "Binaural Interaction of High-Frequency Complex Stimuli," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 774.

Davis, Hallowell, "Information Theory: 3. Application of Information Theory to Research in Hearing," J. Speech Hear. Disord., Vol. 17 (1952), p. 189.

Davis, Hallowell and Fred Kranz, "International Audiometric Zero," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 1450.

Deatherage, B. H. Binaural Interaction. Washington, D. C.: U. S. Commerce Dept., Office of Technical Services, Doc. No. AD-603 766, 1964.

Deatherage, B. H. and Ira J. Hirsh, "Auditory Localization of Clicks," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 486.

Desmedt, J. D., "Neurophysiological Mechanisms Controlling Acoustic Input," in G. L. Rasmussen and W. F. Windle, (eds), Neural Mechanisms of the Auditory and Vestibular Systems. Springfield, Illinois: Charles C. Thomas, Publisher, 1960.

Dix, M. R., C. S. Hallpike, and J. D. Hood, "Auditory Adaptation in the Human Subject," Nature, Vol. 164 (1949), p. 59.

Doughty, J. M., "The Effect of Psychophysical Method and Context on Pitch and Loudness Functions," J. Exp. Psychol., Vol. 39 (1949), p. 729.

Edwards, Austin S., "Accuracy of Auditory Depth Perception," J. Gen. Psychol., Vol. 52 (1955), p. 327.

Egan, J. P., "Hearing," Ann. Rev. Psychol., Vol. 5 (1954), p. 89.

Egan, J. P. and H. W. Hake, "On the Masking Pattern of a Simple Auditory Stimulus," J. Acoust. Soc. Amer., Vol. 22 (1950), p. 622.

Egan, J. P. and F. R. Clarke. Psychophysics and Signal Detection. Bloomington, Indiana: Indiana University, Final Tech. Report, Doc. No. AD-291 405, 1962.

Ehmer, R. H., "Masking Pattern of Tones," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1115.

Elliot, D. N., W. Riach and H. R. Silbiger, "Effects of Auditory Fatigue upon Intensity Discrimination," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 212.

Elliot, D. N., J. Sheposh, and L. Frazier, "Effect of Monaural Fatigue upon Pitch Matching and Discrimination," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 752.

Elliot, E., "Auditory Vigilance Tasks," Advancement Sci., Vol. 14 (1957), p. 353.

Fairbanks, Grant, Arthur S. House, and Jay Melrose, "Auditory Detection of the Presence or Absence of Signals in Noise," J. Acoust. Soc. Amer., Vol. 28 (1956), p. 614.

Farrimond, T., "Factors Influencing Auditory Perception of Pure Tones and Speech," J. Speech Hear. Res., Vol. 5 (1962), p. 194.

Feldman, Harold, "Experiments on Binaural Hearing in Noise," Trans. Beltone Inst. Hear. Res., No. 18, 1965.

Fisch, L., "The Function of Listening and Its Disorders," Int. Audiol., Vol. 4 (1965), p. 61.

Flanagan, J. L. and N. Guttman, "On the Pitch of Periodic Pulses," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1308.

Flanagan, J. L. and Carol M. Bird, "Minimum Phase Responses for the Basilar Membrane," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 114.

Fleishman, Edwin A. and Morton P. Friedman. Some Standardized Test on Auditory-Perceptual Abilities. San Antonio, Texas: Operator Lab., Randolph Air Force Base, Report No. AFPTRC TN-57-123, Doc. No. AD-146 404, 1957.

Fletcher, H., "Auditory Patterns," Rev. Mod. Phys., Vol. 12 (1940), p. 47.

Fletcher, H. Speech and Hearing in Communication. Princeton, New Jersey: D. Van Nostrand Co., Inc., 1953.

Fletcher, John L., "Localization of Sounds in Depth," J. Aud. Res., Vol. 2 (1962), p. 159.

Floyd, A. Jr., G. Griggs, and R. Baker, "Role of Expectency in Auditory Vigilance," Percept. Mot. Skills, Vol. 13 (1961), p. 131.

Forbes, T. W., "Auditory Signals for Instrumental Flying," J. Aeronaut. Sci., Vol. 13 (1946), p. 255.

Fox, M. and A. Glorig, "Industrial Noise and Hearing Loss," J. Chron. Dis., Vol. 9 (1959), p. 143.

Freedman, S. J., and D. W. Pfaff, "The Effect of Dichotic Noise on Auditory Localization," J. Aud. Res., Vol. 2 (1962), p. 305.

Freedman, S. and K. Stampfer. The Effects of Displaced Ears on Auditory Localization. Washington, D. C.: U. S. Commerce Dept., Office of Technical Services, Doc. No. AD-604 569, 1964.

Frey, A., "Human Auditory System Response to Modulated Electromagnetic Energy," J. Appl. Physiol., Vol. 17 (1962), p. 689.

Galambos, R., "Neural Mechanisms of Audition," Physiol. Rev., Vol. 34 (1954), p. 497.

Galambos, R., "Neural Mechanisms in Audition," Laryngoscope, Vol. 68 (1958), p. 388.

Gardner, Mark B., "Binaural Detection of Single-Frequency Signals in the Presence of Noise," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 1824.

Garner, W. R., "Auditory Signals," in Human Factors in Undersea Warfare. Washington, D. C.: National Research Council, 1949.

Garner, W. R., "Loudness and Loudness Matching of Short Tones," J. Acoust. Soc. Amer., Vol. 21 (1949), p. 398.

Garner, W. R., "Hearing," Ann. Rev. Psychol., Vol. 3 (1952), p. 85.

Geldard, F. A. The Human Senses. New York: John Wiley and Sons, 1953.

Gernandt, B. E., "Hearing," Ann. Rev. Physiol., Vol. 14 (1952), p. 433.

Gershuni, G. V., Y. A. Claas, N. V. Lukomskaya, M. N. Linuchev, and A. A. Sagal, "Method of Evaluating the Discrimination of Auditory Displays with Increasing Amounts of Information," Biofizika, Vol. 4 (1959), p. 158.

Gettys, Charles F., "The Alerted Effective Threshold in an Auditory Vigilance Task," J. Aud. Res., Vol. 4 (1964), p. 23.

Glorig, A. and J. Nixon, "Hearing Loss as a Function of Age," Laryngoscope, Vol. 72 (1962), p. 1596.

Green, D. M. Detection of Complex Auditiory Signals in Noise and the Critical Band Concept. Ann Arbor, Michigan: University of Michigan, Doc. No. AD-152 566, 1958.

Green, D. M., "Auditory Detection of a Noise Signal," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 121.

Green, D. M., "Psychoacoustics and Detection Theory," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1189.

Green, D. M., "Consistency of Auditory Detection Judgments," Psychol. Rev., Vol. 71 (1964), p. 392.

Greenwood, Donald D., "Critical Bandwidth and the Frequency Coordinates of the Basilar Membrane," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 1344.

Groen, J. J., "Inhibitory Mechanism in Man in Comparison with Hearing," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 1497.

Groen, J. J., "Super- and Subliminal Binaural Beats," Acta Oto-laryngol., Vol. 57 (1964), p. 224.

Groen, J. J. and R. Versteigh, "Frequency Modulation and the Human Ear," Acta Oto-laryngol., Vol. 47 (1957), p. 421.

Guelke, R. W. and R. M. J. Huyssen, "Development of Apparatus for the Analysis of Sound by the Sense of Touch," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 799.

Guild, S. R., "Hearing," Ann. Otol. Rhinol. Laryngol., Vol. 65/2 (1956), p. 507.

Gundy, R. F., "Auditory Detection of an Unspecified Signal," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 1008.

Guttman, Newman, "On Defining the Range of Pitch Perception," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 862, (abstract).

Guttman, Newman and S. Pruzansky, "Lower Limits of Pitch and Musical Pitch," J. Speech Hear. Res., Vol. 5 (1962), p. 207.

Guttman, Newman and L. S. Frishkopf, "'Facilitating' Effect of the Prior Member of a Monaural Click Doublet," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 936, (abstract).

Haeff, A. and C. Knox, "Perception of Ultrasound," Science, Vol. 139 (1963), p. 590.

Hanson, R. L., "Clues to Sound Localization," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1584, (abstract).

Hanson, R. L., "Sound Localization," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 830, (abstract).

Hanson, R. L., "Memory Effect in Sound Localization," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 803, (abstract).

Harris, G. G., "What is Psychoacoustics?" J. Audio. Eng. Soc., Vol. 9 (1961), p. 2.

Harris, J. D., "Discrimination of Pitch: Suggestions Toward Method and Procedure," Amer. J. Psychol., Vol. 61 (1948), p. 309.

Harris, J. D. Some Relations Between Vision and Audition. Springfield, Illinois: Charles Thomas, Publisher, 1950.

Harris, J. D., "The Decline of Pitch Discrimination with Time," J. Exp. Psychol., Vol. 43 (1952), p. 96.

Harris, J. D., "Pitch Discrimination," J. Acoust. Soc. Amer., Vol. 24 (1952), p. 750.

Harris, J. D. A Search Toward Primary Auditory Abilities. Groton, Connecticut: U. S. Naval Med. Res. Lab., Report No. 57-4, 1957.

Harris, J. D., "Hearing," Ann. Rev. Psychol., Vol. 9 (1958), p. 47.

Harris, J. D., "Scaling of Pitch Intervals," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1575.

Harris, J. D. (ed). Use of Auditory Cues by the Blind for Travel: Interim Progress Report. Washington, D. C.: Health, Education, and Welfare Dept., Vocational Rehabilitation Administration, Contract No. RD-510, 1961.

Harris, J. D., "Loudness Discrimination," J. Speech Hear. Disord. Monogr. Suppl., No. 11, 1963.

Harris, J. D. and C. K. Meyer, "The Emergence of a Tonal Sensation," J. Exp. Psychol., Vol. 39 (1949), p. 228.

Harris, J. D. and C. K. Meyer, "Experiments on Fluctuations of Auditory Acuity," J. Gen. Psychol., Vol. 50 (1954) p. 87.

Harris, J. D., A. G. Pkler, H. S. Hoffman, and R. H. Ehmer, "The Interaction of Pitch and Loudness Discriminations," J. Exp. Psychol., Vol. 56 (1958), p. 232.

Harris, J. D., D. H. Elmer, B. Cohen, and J. J. O'Hare. Some Primary Auditory Abilities in Pitch and Loudness. Groton, Connecticut: U. S. Naval Med. Res. Lab., Report No. 316, 1959.

Hawkes, F. R., R. W. Bailey, and Joel S. Warm, "Method and Modality in Judgments of Brief Stimulus Duration," J. Aud. Res., Vol. 1 (1961), p. 133.

Hawkes, F. R. and M. Loeb, "Vigilance for Cutaneous and Auditory Signals," J. Aud. Res., Vol. 1 (1961), p. 272.

Heise, George A. and George A. Miller, "An Experimental Study of Auditory Patterns," Amer. J. Psychol., Vol. 64 (1951), p. 68.

Hellman, R. P. and J. Zqislocki, "Some Factors Affecting the Estimation of Loudness," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 687.

Henry, F. M., "Discrimination of the Duration of Sound," J. Exp. Psychol., Vol. 38 (1948), p. 734.

Hirsh, Ira J., "Binaural Summation - A Century of Investigation," Psychol. Bull., Vol. 45 (1948), p. 194.

Hirsh, Ira J. and F. A. Webster, "Some Determinants of Interaural Phase Effects," J. Acoust. Soc. Amer., Vol. 21 (1949), p. 496.

Hirsh, Ira J. The Measurement of Hearing. New York: McGraw-Hill Book Co. Inc., 1952.

Hirsh, Ira. J., "Psychophysics of Hearing," Acta Oto-laryngol., Vol. 40 (1952), p. 272.

Hirsh, Ira J., "Hearing," Ann. Rev. Psychol., Vol. 6 (1955), p. 95.

Hirsh, Ira J., "Auditory Perception of Temporal Order," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 759.

Hirsh, Ira J., R. C. Bilger, and B. H. Deatherage, "The Effect of Auditory and Visual Background on Apparent Duration," Amer. J. Psychol., Vol. 69 (1959), p. 561.

Hirsh, Ira J. and C. E. Sherrick, Jr., "Perceived Order in Different Sense Modalities," J. Exp. Psychol., Vol. 62 (1961), p. 423.

Hood, J. D., "Studies in Auditory Fatigue and Adaptation," Acta Oto-laryngol., Suppl. 92, (1950), p. 1.

Hood, J. D., "Fatigue and Adaptation of Hearing," Brit. Med. Bull., Vol. 12 (1956), p. 125.

Hortlage, L. C., "Differences in Listening Comprehension of the Blind and the Sighted," Int. J. Educ. Blind, Vol. 13, No. 1 (1963), p. 1.

Howes, Davis H., "The Loudness of Multicomponent Tones," Amer. J. Psychol., Vol. 63 (1950), p. 1.

Hugelin, A. (senior author), "Tympanic Muscles and Control of Auditory Input During Arousal," Science, Vol. 131 (1960), p. 1371.

Huggins, W. H., "Theory of Cochlear Frequency Discrimination," MIT Res. Lab. Electronics Quart. Prog. Rep., 1950, p. 54.

Jacobson, Homer, "The Information Capacity of the Human Ear," Science, Vol. 112 (1950), p. 143.

Jeffress, L. A. Masking and Binaural Phenomena. Austin, Texas: University of Texas Defense Res. Lab., Doc. No. AD-616 785, 1965.

Jeffress, Lloyd A. and Robert W. Taylor, "Laterlization vs. Localization," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 482.

Jenkins, H. M. and R. H. Harrison, "Effect of Discrimination Training on Auditory Generalization," J. Exp. Psychol., Vol. 59 (1960), p. 246.

Jenkins, Robert A., "Perception of Pitch, Timbre, and Loudness," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 1550.

Jerger, James F., "Recovery Pattern from Auditory Fatigue," J. Speech Hear. Disord., Vol. 21 (1956), p. 39.

Jerger, James F., "Auditory Adaptation," J. Acoust. Soc. Amer., Vol. 29 (1957), p. 357.

Jerger, James F., "Comparative Evaluation of Some Auditory Measures," J. Speech Hear. Res., Vol. 5 (1962), p. 3.

Jerger, James F., J. Shedd, and E. Harford, "On the Detection of Extremely Small Changes in Sound Intensity," Arch. Otolaryngol., Vol. 69 (1959), p. 200.

Jerison, Harry J., "Performance on a Simple Vigilance Task in Noise and Quiet," J. Acoust. Soc. Amer., Vol. 29 (1957), p. 1163.

Julesz, Bella and Newman Guttman, "Auditory Memory," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 1859, (abstract).

Karlin, J. E., "A Factorial Study of Auditory Function," Psychometrika, Vol. 7 (1942), p. 251.

Kay, L., "Auditory Perception and Its Relation to Ultrasonic Blind Guidance Aids," J. Brit. Inst. Radio Engrs., Vol. 4 (1962), p. 309.

Keane, G. E., "Auditory Rehabilitation for Hearing Impaired Blind Person," ASHA Monographs, No. 12, 1965.

Kenny, J. S., "Discrimination in Auditory and Visual Patterns," Amer. J. Psychol., Vol. 74 (1961), p. 529.

Kellogg, W., "Sonar System of the Blind," Science, Vol. 137 (1962), p. 399.

Kidd, J. S. and A. Micocci, "Maintenance of Vigilance in an Auditory Monitoring Task," J. Appl. Psychol., Vol. 48 (1964), p. 13.

Kietz, Hans, "New Concepts of the Theory of Hearing," Trans. Belton Inst. Hear. Res., No. 9, 1958.

Kimmel, H., "The Relationship between Direction and Amount of Stimulus Change and Amount of Perceptual Disparity Response," J. Exp. Psychol., Vol. 50 (1960), p. 68.

Kinney, Jo Ann S., "Temporal Discrimination in Different Types of Auditory Patterns," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 925, (abstract).

Knapp, P. H., "The Ear, Listening and Hearing," J. Amer. Psychoanal. Assn., Vol. 1 (1953), p. 672.

Konig, E., "Pitch Discrimination and Age," Acta Oto-laryngol., Vol. 48 (1957), p. 475.

Ladefoged, P. and D. E. Broadbent, "Perception of Sequence in Auditory Events," Quart. J. Exp. Psychol., Vol. 12 (1960), p. 162.

Lane, H., "Acquisition and Transfer in Auditory Discrimination," Amer. J. Psychol., Vol. 77 (1964), p. 240.

Lawrence, Merle, "Hearing," Ann. Rev. Psychol., Vol. 8 (1957), p. 29.

Lawrence, Merle, "Physiological and Psychological Acoustics," J. Acoust. Soc. Amer., Vol. 30 (1958), p. 394.

Lee, Bernard S., "Some Effects of Side-Tone Delay," J. Acoust. Soc. Amer., Vol. 22 (1950), p. 639.

Lerea, L., "An Investigation of Auditory Figure-Ground Perception," J. Genet. Psychol., Vol. 98 (1961), p. 229.

Licklider, J. C. R., "The Sharpness of Tuning of the Auditory Mechanism," Amer. Psychologist, Vol. 3 (1948), p. 243.

Licklider, J. C. R., "Basic Correlates of the Auditory Stimulus," in S. S. Stevens (ed) Handbook of Experimental Psychology. New York: John Wiley and Sons, Inc., 1951.

Licklider, J. C. R., "A Duplex Theory of Pitch Perception," Experientia, Vol. 7 (1951), p. 128.

Licklider, J. C. R., "Hearing," Ann. Rev. Psychol., Vol. 4 (1953), p. 89.

Licklider, J. C. R. Studies in the Aural Presentation of Information: Final Report. Cambridge, Massachusetts: MIT Psychol. Lab., Doc. No. AD-152 564, October 1957.

Licklider, J. C. R., J. C. Webster, and J. M. Hedlun, "On the Frequency Limits of Binaural Beats," J. Acoust. Soc. Amer., Vol. 22 (1950), p. 468.

Lippert, S. Signal Detection in Noisy Fields: A Discussion of Human Auditory Capability. Washington, D. C.: U. S. Commerce Dept., Office of Technical Services, Doc. No. AD-287 104, 1963.

Lipsky, S. E., "Design Criteria for Transistor Prosthetic Devices," Semiconductor Prod., Vol. 1 (1958), p. 32.

Localization of Sound: Part 1. Characteristics of Human Localization of Sound. United Research, Inc., Technical Publication, Doc. No. AD-294 853, 1962.

Localization of Sound: Part 5. Auditory Perception. United Research, Inc., Technical Publication, Doc. No. AD-464 256, 1965.

Lochner, J. P. A. and J. R. Burger, "Pure Tone Loudness Relations," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 576.

Loeb, M. and J. L. Fletcher, "Influence of Different Acoustical Stimuli on the Threshold of the Contralateral Ear," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 857, (abstract).

Loeb, M. and J. R. Binford. Some Factors Influencing the Auditory Difference Limens. Louisville, Kentucky: Louisville University, Doc. No. AD-287 557, September 1962.

Loeb, Michael and Glen R. Hawkes, "Auditory Intensity Discrimination as a Function of Stimulus Presentation Method," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 1643.

Loeb, M. and J. R. Binford. Some Factors Influencing the Effective Auditory Intensive Difference Limens. Fort Knox, Kentucky: U. S. Army Med. Res. Lab., Doc. No. AD-403 009L, 1963.

Loeb, M. (senior author), "Vigilance for Auditory Intensity Changes as a Function of Preliminary Feedback and Confidence Level," Human Factors, Vol. 6 (1964), p. 445.

Luce, R. D., "On the Possible Psychophysical Laws," Psychol. Rev., Vol. 66 (1959), p. 81.

Luscher, E. and J. Zwislocki, "Adaptation of the Ear to Sound Stimuli," J. Acoust. Soc. Amer., Vol. 21 (1949), p. 135.

Marill, R. and D. Green., "On the Effectiveness of Receptors in Recognition Systems," IEEE Trans. Inform. Theory, Vol. IT-9, No. 1 (1963), p. 11.

McQuillin, R. F., J. I. Elkind, H. L. Box, and J. Melaragni, "Automated Psychoacoustics Laboratory," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 199, (abstract).

McGavren, M., "Memory of Brief Auditory Durations in Comparison Discriminations," Bell Labs. Record, Vol. 15 (1965), p. 609.

McLaughlin, S. and J. Bower, "Auditory Localization and Judgments of Straight Ahead During Adaptation to Prism," Psychonomic Sci., Vol. 2 (1965), p. 283.

Meyer, H. B. and Vincent Mallory, "Psychoacoustics, Applied and Misapplied," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1568.

Michaels, R. M., "Intensity Discrimination for Narrow Bandwidths of Noise at Various Pulse Lengths," J. Aud. Res., Vol. 1 (1961), p. 88.

Mills, A. W., "On the Minimum Audible Angle," J. Acoust. Soc. Amer. Vol. 30 (1958), p. 237.

Mills, A. W., "Thresholds for Interaural Difference in Intensity," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 830, (abstract).

Mills, A. W., "Lateralization of High-Frequency Tones," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 132.

Miskolczy-Fodor, R., "Relation Between Loudness and Duration of Tonal Pulses: I. Response of Normal Ears to Pure Tones Longer than Click-Pitch Threshold," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1128.

Morgan, C. T. and R. Galambos, "Reinvestigation of the Relation between Pitch and Intensity," J. Acoust. Soc. Amer., Vol. 15 (1943), p. 77.

Morgan, C. T., W. R. Garner, and R. Galambos, "Pitch and Intensity," J. Acoust. Soc. Amer., Vol. 23 (1951), p. 658.

Moushegian, George and Lloyd A. Jeffress, "Role of Interaural Time and Intensity Differences in the Lateralization of Low-Frequency Tones," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1441.

Mudd, S. A., "Spatial Stereotypes of Four Dimensions of Pure Tones," J. Exp. Psychol., Vol. 66 (1963), p. 347.

Munson, W. A. and F. M. Wiener, "Sound Measurements for Psychophysical Tests," J. Acoust. Soc. Amer., Vol. 22 (1950), p. 382.

Munson, W. A. and J. E. Karlin, "Measurement of Human Channel Transmission Characteristics," J. Acoust. Soc. Amer., Vol. 26 (1954), p. 542.

Neff, W. D., "Behavioral Studies of Auditory Discrimination," Ann. Otol. Rhinol. Laryngol., Vol. 66 (1957), p. 506.

Neff, W. D., "Neural Mechanisms of Auditory Discrimination," in W. A. Rosenblith (ed) Sensory Communication. New York: John Wiley and Sons, Inc., 1961.

Newman, Edwin B., "Hearing," Ann. Rev. Psychol., Vol. 1 (1950), p. 49.

Nixon, J., A. Glorig, and W. High, "Changes in Air and Bone Conduction Thresholds as a Function of Age," J. Laryngol., Vol. 76 (1962), p. 288.

Nordmark, Jan, "Some Analogies between Pitch and Lateralization Phenomena," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 1544.

Norlund, B., "Angular Localization," Acta Oto-laryngol., Vol. 55 (1962), p. 405.

Norman, Donald A., "Sensory Threshold and Response Bias," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 1432.

Nye, P. W., "Aural Recognition Time for Multi-Dimensional Signals," Nature, Vol. 196 (1962), p. 1282.

O'Brien, C. C., "Exceptional Tonal Memory and Intelligence," Percept. Mot. Skills, Vol. 12 (1961), p. 282.

O'Neill, John J., Herbert J. Oyer, and Donald J. Baker, "Auditory Skills of Blinded Individuals Training with Pilot Dogs," J. Speech Hear. Res., Vol. 1 (1958), p. 262.

Palva, T., "Auditory Adaptation," Acta Oto-laryngol., Vol. 37 (1964), p. 207.

Pierce, J. R., "Proposal for an Explanation of Limens of Loudness," J. Acoust. Soc. Amer., Vol. 30 (1958), p. 418.

Pikler, Andrew G. and J. D. Harris, "Channels of Reception in Pitch Discrimination," J. Acoust. Soc. Amer., Vol. 27 (1955), p. 124.

Pikler, Andrew G. and J. D. Harris, "Compensatory and Pursuit Tracking of Loudness," J. Acoust. Soc. Amer., Vol. 32 (1959), p. 1129.

Plomp, R., "The Ear as a Frequency Analyzer," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 1628.

Plomp, R., "Rate of Decay of Auditory Sensation," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 277.

Pollack, Irwin, "Auditory Flutter," Amer. J. Psychol., Vol. 65 (1952), p. 544.

Pollack, Irwin, "Information of Elementary Auditory Displays," J. Acoust. Soc. Amer., Vol. 24 (1952), p. 745.

Pollack, Irwin, "Information of Elementary Auditory Displays: II," J. Acoust. Soc. Amer., Vol 25 (1953), p. 765.

Pollack, Irwin, "Intensity Discrimination Thresholds Under Several Psychophysical Procedures," J. Acoust. Soc. Amer., Vol. 26 (1954), p. 1056.

Pollack, Irwin, "Indentification of Elementary Auditory Displays and the Method of Recognition Memory," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1126.

Pollack, Irwin, "Message Uncertainty and Message Reception," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1500.

Pollack, Irwin, "On the Combination of Intensity and Frequency Differences in Auditory Discrimination," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 1141.

Pollack, Irwin, "Onset Discrimination for White Noise," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 607.

Pollack, Irwin and L. Ficks, "Information of Multidimensional Displays," J. Acoust. Soc. Amer., Vol. 26 (1954), p. 155.

Pollack, Irwin and Laurence B. Johnson, "Reproduction and Identification of Elements of Auditory Displays," J. Acoust. Soc. Amer., Vol. 31 (1957), p. 7.

Pollack, Irwin and James Boynton, "Indentification of Elementary Auditory Displays: Effect of Unbalanced Probabilities of Occurrence," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 1831.

Poulos, Thomas H., "Acuity and Perceptive Accuracy of Monaural and Binaural Hearing," Volta Rev., Vol. 52 (1950), p. 314.

Raab, D., "Effect of Stimulus-Duration on Auditory Reaction Times," Amer. J. Psychol., Vol. 75 (1962), p. 298.

Raab, D. and M. Grossberg, "Reaction Item to Changes in the Intensity of White Noise," J. Exp. Psychol., Vol. 69 (1965), p. 609.

Reynolds, George S. and S. S. Stevens, "Binaural Summation of Loudness," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1337.

Rosenberg, A. E., "Effect of Masking on the Pitch of Periodic Pulses," J. Acoust. Soc. Amer., Vol. 38 (1965), p. 747.

Rosenblith, W. A., "Auditory Masking and Fatigue," J. Acoust. Soc. Amer., Vol. 22 (1950), p. 792.

Rosenzweig, M. R., "Auditory Localization," Scient. American, Vol. 205 (1961), p. 132.

Rosenblith, W. A. (ed). Sensory Communication. New York: John Wiley and Sons, Inc., 1961.

Saltzman, M. and M. S. Ersner, "Growth of Loudness," Arch. Otolaryngol., Vol. 59 (1954), p. 76.

Samoilova, I. K., "Investigation of Minimum Perceptible Difference Intervals between Two-Tone Signals," Soviet Phys. Acoustics, Vol. 6 (1961), p. 382.

Scharf, Bertram, "Loudness of Complex Sounds as a Function of the Number of Components," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 783.

Schodder, G. R. and E. E. David, Jr., "Pitch Discrimination of Two-Frequency Complexes," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1426.

Schott, L. O., "Signal Translation in Hearing," Bell Labs. Record, Vol. 30 (1952), p. 2.

Schouten, J. R., R. F. Ritsma, and B. Lopes Cardoza, "Pitch of the Residue," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 1418.

Schubert, Earl D. and Martin C. Schultz, "Some Aspects of Binaural Signal Selection," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 844.

Sekey, Andrew, "Sort-Term Auditory Frequency Discrimination," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 682.

Selters, W., "Adaptation and Fatigue," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 2202.

Sergeant, Russell L. and J. Donald Harris, "Localization by Sound," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 1628, (abstract).

Shearer, W. and F. Simmons, "Middle Ear Activity During Speech in Normal Speakers and Stutterers," J. Speech Hear. Res., Vol. 8 (1965), p. 203.

Shepherd, D. C., R. Goldstein, and B. Rosenblat, "Race Difference in Auditory Sensitivity," J. Speech Hear. Res., Vol. 7 (1964), p. 389.

Sherrick, C. E. Jr., "Some Factors Affecting Auditory Detection of Amplitude Modulation," Amer. J. Psychol., Vol. 72 (1959), p. 606.

Sidley, N. A., E. Winograd, and E. W. Bedarf, "Learning to Identify Complex Sounds: Prompting Versus Confirmation," J. Acoust. Soc. Amer., Vol. 38 (1965), p. 1050.

Small, A. M. Jr., "Pure Tone Masking," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1619.

Solomon, L. N., "Semantic Approach to the Perception of Complex Sounds," J. Acoust. Soc. Amer., Vol. 30 (1958), p. 421.

Sorensen, H., "Initial Auditory Adaptation," Acta Oto-laryngol., Vol. 55 (1962), p. 299.

Spector, A., "Differential Sensitivity of the Ear to Changes of Frequency and Intensity," J. Acoust. Soc. Amer., Vol. 21 (1949), p. 61, (abstract).

Stevens, J. C., "Stimulus Spacing and the Judgment of Loudness," J. Exp. Psychol., Vol. 56 (1958), p. 246.

Stevens, J. C. and M. Guirao, "Individual Loudness Functions," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 2210.

Stevens, K. N., "Difference Limens for Complex Frequencies," J. Acoust. Soc. Amer., Vol. 23 (1951), p. 633, (abstract).

Stevens, S. S., "Tonal Density," J. Exp. Psychol., Vol. 17 (1934), p. 585.

Stevens, S. S., "The Relation of Pitch to Intensity," J. Acoust. Soc. Amer., Vol. 6 (1935), p. 150.

Stevens, S. S., "Measurement of Loudness," J. Acoust. Soc. Amer., Vol. 27 (1955), p. 815.

Stevens, S. S., "The Direct Estimation of Sensory Magnitude Loudness," Amer. J. Psychol., Vol. 69 (1956), p. 1.

Stevens, S. S., "Measurement and Man," Science, Vol. 127 (1958), p. 383.

Stevens, S. S., "Problems and Methods of Psychophysics," Psychol. Bull., Vol. 55 (1958), p. 177.

Stevens, S. S., "Some Similarities between Hearing and Seeing," Laryngoscope, Vol. 68 (1958), p. 527.

Stevens, S. S., "On the Validity of the Loudness Scale," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 995.

Stevens, S. S., "To Honor Fechner and Repeal His Law," Science, Vol. 133 (1961), p. 80.

Stevens, S. S. and E. B. Newman, "The Localization of Pure Tones," Proc. Nat. Acad. Sci., Vol. 20 (1934), p. 593.

Stevens, S. S. and H. Davis. Hearing, Its Physiology and Psychology. New York: John Wiley and Sons, Inc., 1938.

Stevens, S. S. and E. C. Poulton, "The Estimation of Loudness by Unpractised Observers," J. Exp. Psychol., Vol. 51 (1956), p. 71.

Stevens, S. S. (senior author), "Loudness, a Product of Volume Times Density," J. Exp. Psychol., Vol. 69 (1965), p. 503.

Stewart, John L., "Effects of Two Kinds of Noise on Auditory Discrimination," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 1897, (abstract).

Sukolov, E. N. Perception and the Conditioned Reflex. New York: The MacMillan Co., 1963.

Swets, John A., David M. Green, and Earl F. Winter, "Learning to Identify Nonverbal Sounds," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 855, (abstract).

Tasaki, I., "Hearing," Ann. Rev. Physiol., Vol. 19 (1957), p. 417.

Tanner, Wilson P., "Memory and the Psychophysical Function," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1505, (abstract).

Tanner, Wilson P., "Application of the Theory of Signal Detectability to Amplitude Discrimination," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 1233.

Thomas, G. J., "Equal-Volume Judgments of Tones," Amer. J. Psychol., Vol. 17 (1934), p. 585.

Thompson, B., "A Longitudinal Study of Auditory Discrimination," J. Educ. Res., Vol. 56 (1963), p. 376.

Thurlow, W. R., "Role of Time Cues in Pitch," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 968.

Thurlow, W. R., "Audition," Ann. Rev. Psychol., Vol. 16 (1965), p. 325.

Thurlow, W. R. and L. F. Elfner, "Continuity Effects with Alternately Sounding Tones," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1337.

Thurlow, W. R. and A. E. Marten, "Perception of Steady and Intermittent Sounds with Alternating Noise Burst Stimuli," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 1853.

Tobias, J. V., "Binaural Recordings for Training the Newly Blind," Percept. Mot. Skills, Vol. 20 (1965), p. 385.

Tobias, J. V. and E. D. Schubert, "Effective Onset Duration of Auditory Stimuli," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1595.

Tonndorf, J., "Auditory Perception in Noise," J. Aviat. Med., Vol. 22 (1951), p. 491.

Tumarkin, A., "The Decibel, the Phon and the Sone," J. Laryngol. Otol., Vol. 64 (1950), p. 178.

Turnbull, W. W., "Pitch Discrimination as a Function of Tonal Duration," J. Exp. Psychol., Vol. 34 (1944), p. 302.

Van Bergeijk, W., "Physiology and Psychophsics of Binaural Hearing," Bell System Monograph, No. 4826, 1965.

Vanderplas, J. M. and R. R. Blake, "Selective Sensitization in Auditory Perception," J. Pers., Vol. 18 (1949), p. 252.

Vallesi, R. Niccole and B. Salis, "Notes on the Sense of Hearing in the Blind," Boll. Mal. Orecchio, Gola, Naso, Vol. 76 (1958), p. 335, (in Italian).

Veniar, Florence A., "Effect of Auditory Cue on Discrimination of Auditory Stimuli," J. Acoust. Soc. Amer., Vol. 30 (1958), p. 1079.

Veniar, Florence A., "Signal Detection as a Function of Frequency Ensemble: I," J. Acoust. Soc. Amer., Vol. 30 (1958), p. 1020.

Veniar, Florence A., "Signal Detection as a Function of Frequency Ensemble: II," J. Acoust. Soc. Amer., Vol. 30 (1958), p. 1075.

Verrillo, Ronald T., "Investigation of Some Parameters of the Cutaneous Threshold for Vibration," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 1768.

Verrillo, Ronald T., "Effect of Contactor Area on the Vibrotactile Threshold," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 1962.

Vigran, E., K. Gjaevenes, and G. Arnesen, "Two Experiments Concerning Rise Time and Loudness," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 1468.

Wallach, H., "On Sound Localization," J. Acoust. Soc. Amer., Vol. 10 (1939), p. 270.

Walzl, E. M., "Hearing," Ann. Rev. Physiol., Vol. 11 (1949), p. 231.

Wansdronk, C., "Mechanism of Hearing," Philips Res. Rep., Suppl. No. 1, 1962, p. 1.

Ward, W. and J. Nixon, "Damage Risk Criteria and Noise Induced Hearing Loss," Arch. Otolaryngol., Vol. 74 (1961), p. 413.

Warren, R. M. and R. L. Gregory, "An Auditory Analog of the Visual Reversible Figure," Amer. J. Psychol., Vol. 71 (1958), p. 612.

Watson, C. and B. Mittler, "Time-Intensity Equivalence in Auditory Laterlization: A Graphical Method," Psychonomic Sci., Vol. 2 (1965), p. 219.

Welch, John R., "Psychoacoustical Study of Some Factors Affecting Human Echolocation," J. Acoust. Soc. Amer., Vol. 35 (1963), p. 803, (abstract).

Wever, E. G. Theory of Hearing. New York: John Wiley and Sons, Inc., 1949.

Wever, E. G. and M. Lawrence, "Acoustic Pathways to the Cochlea," J. Acoust. Soc. Amer., Vol. 22 (1950), p. 460.

Wever, E. G., "Hearing," Ann. Rev. Psychol., Vol. 13 (1962), p. 225.

White, C. T. and M. Lichtenstein, "Some Aspects of Temporal Discrimination," Percept. Mot. Skills, Vol. 17 (1963), p. 471.

Whitworth, R. H. and L. A. Jeffress, "Time vs. Intensity in Sound Localization," J. Acoust. Soc. Amer., Vol. 33 (1961), p. 925.

Wilkinson, G., "The Sense of Hearing," J. Laryngol., Vol. 67 (1953), p. 59.

Wilt, M. E., "Listening Skills can be Improved," Instructor, Vol. 72 (1963), p. 6.

Winitz, H. and B. Bellerose, "Effects of Pretraining on Sound Discrimination Learning," J. Speech Hear. Res., Vol. 6 (1963), p. 171.

Wise, M. E., "A Statistical Analysis of Human Hearing Thresholds in a Very Large Population," Acustica, Vol. 13 (1963), p. 146.

Wolsk, D., "Discrimination Limen for Loudness under Varying Rates of Intensity Change," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 1277.

Wright, H. N., "Auditory Adaptation in Noise," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 1004.

Wright, H. N., "Measurement of Prestimulatory Auditory Adaptation," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1558.

Zeigen, R. S. Perceptual Organization: An Investigation of Visual and Auditory Sensory Interaction. Lafayette, Indiana: Purdue University, Doc. No. AD-428 258, 1964.

Zwicker, E., "Direct Comparisons between Sensations Produced by Frequency Modulation and Amplitude Modulation," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 114.

Zwicker, E., "'Negative Afterimage' in Hearing," J. Acoust. Soc. Amer., Vol. 36 (1964), p. 2413.

Zwicker, E., G. Flottorp, and S. S. Stevens, "Critical Bandwidth in Loudness Summation," J. Acoust. Soc. Amer., Vol. 29 (1957), p. 548.

Zwislocki, J., "Acoustic Attenuation between the Ears," J. Acoust. Soc. Amer., Vol. 25 (1953), p. 752.

Zwislocki, J., "Analysis of the Frequency Characteristic of the Ear Below 1000 CPS," J. Acoust. Soc. Amer., Vol. 31 (1959), p. 123, (abstract).

Zwislocki, J., "Theory of Temporal Auditory Summation," J. Acoust. Soc. Amer., Vol. 32 (1960), p. 1046.

Zwislocki, J. and R. S. Feldman, "Just Noticeable Differences in Dichotic Phase," J. Acoust. Soc. Amer., Vol. 28 (1956), p. 860.

Zwislocki, J., F. Maire, A. S. Feldman, and H. Rubin, "On the Effect of Practice and Motivation of the Threshold of Audibility," J. Acoust. Soc. Amer., Vol. 30 (1958), p. 254.

Zwislocki, J., R. P. Hellman, and R. T. Verrillo, "Threshold of Audibility for Short Pulses," J. Acoust. Soc. Amer., Vol. 34 (1962), p. 299.